

KLOCHKOVA, A.Ya.

Effect of photoperiodic conditions on the hematological indices
in swine. Izv. SO AN SSSR no.8. Ser. biol.-med. nauk no.21105-
110 '65. (MIRA 18:9)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

ROSSOVSKIY, L.N.; KLOCHKOVA, G.N.

Find of petalite-microcline pegmatites. Zap.Vses.nin.ob-va.
94 no.5:507-515 '65.
(MIRA 18:11)

USSR/Human and Animal Physiology (Normal and Pathological)
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26360

Author : Klochkova, G.S.

Inst : Odessa Medical Institute

Title : Experiment of Application of Folic Acid in Dystrophic
Conditions of Young Children

Orig Pub : Tr. Odessk. med. in-ta, 1953, 3, 235-240

Abstract : No abstract.

Card 1/1

USSR/Pharmacology. Toxicology. Chemotherapeutics
Preparations

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723210009-7

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37692

Author : Klochkova G. S.

Inst : Tuberculosis Institute, Academy of Medical Sciences USSR

Title : On the Problem of the Modification of the Intestinal Microflora in Tubercular Patients when Treated with Specific Antitubercular Preparations (K vaprosoy ob izminenii kishechnoy mikroflory y tuberkuleznykh bol'nykh pri lechenii spetsificheskimi antibakterial'nymi preparatami)

Orig Pub : Tr. In-ta tuberkuleza Akad. med. nauk, SSSR, 1956, 8, 57-66

Abstract : Observations were conducted of 55 patients suffering from various forms of tuberculosis. Observations were carried out for a period of 2 to

Card 1/5

USSR/Pharmacology. Toxicology. Chemotherapeutics
Preparations

Ref Zhur Biol. No 8, 1958, 37692

Klochkova, G.S.

KLOCHKOVA, G.S., mladshiy nauchnyy sotrudnik

Differential diagnosis of tuberculous infections of the abdominal cavity [with summary in French]. Probl.tub. 35 no.5:76-81 '57.
(MIRA 10:11)

1. Is. terapevticheskoy kliniki (nauchnyy rukovoditel' - prof. N.A.Shmelev) Instituta tuberkuleza AMN SSSR (dir. Z.A.Lebedeva)

(TUBERCULOSIS, differ. diag.

abdom. cavity)

(ABDOMEN; dis.

tuberc., differ. diag.)

KLOCHKOVA, G. S.; Master Med Sci (diss) -- "Clinical forms of tuberculosis of the 'mesoadenite', their diagnosis and treatment". Moscow, 1959. 18 pp (Acad Med Sci USSR), 200 copies (KL, No 13, 1959, 111)

KLOCHKOVA, G.B., kand. med. nauk

Review of N.B. Shupak's book "Extrapulmonary tuberculosis
in the clinic of internal diseases." Prebl. tub. 41 no.5:
85-86 '63. (MIRA 17:1)

KLOCHKOVA, O.S., kand.med.nauk

Differential diagnosis of intra-abdominal tuberculous processes
by the subcutaneous tuberculin test. Probl. tub. 42 no.12:21-25
'64. (MIRA 18:8)

1. Tsentral'nyy institut tuberkuleza (direktor - deystvitel'nyy
chlen AMN SSSR prof. N.A.Shmelev) Ministerstva zdravookhraneniya
SSSR, Moskva.

KLOCHKOVA, K.A.

Correlating the teaching of physics with the productive work of
students in agriculture. Fiz. v shkole 20 no.3:82-85 Ky-Je '60.
(MIRA 13:11)

1. Stavropol'skiy krayevoy institut usovershenstvovaniya uchitel'ey.
(Physics--Study and teaching)

KHOCHENVA, K. P.

Hot-air heating of so ds Moskv., Ministerstvo sol'skogo khoz'yaistva SSSR,
1955

KLOCHKOVA, K.P., agronom.

Germination and vitality of seeds: Manka i pered. op. v
sel'khoz. no.10:59-60 O '56. (MIRA 9:12)

(Germination)

ZAKHAROV, L.D.; VOL'YSON, S.I.; KLOCHKOVA, L.O.

Chemical and technological control of the corrosion of low-
temperature equipment of AVT units. Khim. i tekhn. 1
masl 4 no.3:46-52 Mr '59. (MIRA 12:4)

1. Giproneftemash.
(Petroleum refineries--Equipment and supplies)
(Corrosion and anticorrosives)

KVASNIKOV, Aleksandr Vasil'yevich, prof. ~~Prinimale uchastiye~~
L.L., starshiy prepodavatel'. KULAGIN, I.I., otv. (nauchnyy) red.;
KHUGOVA, Ye.A., red.; KRASOVA, N.V., tekhn. red.

[Theory of liquid propellant rocket engines] Teoriia zhidkostnykh
raketnykh dvigatelei. Leningrad, Gos. soizusnoe izd-vo sudostroit.
promyshl. Pt. 1. 1959. 541 p. (MIRA 12:12)
(Airplanes--Rocket engines)
(Rockets--Aeronautics)

KLOCHKOVA, L. S.

KLOCHKOVA, L. S. -- "The Differential-Diagnostic Significance of the Dynamics of the Functional State of the Kidneys in Chronic Nephritis and Hypertonic Disease." Khar'kov Medical Inst. L'vov, 1955. (Dissertation for the Degree of Candidate of Medical Sciences.)

SO: Knizhnaya letopiia', No. 4, Moscow, 1956

1250 HADVA, 1 S.
RODNYANSKIY, B.B., dotsent; KLOCHKOVA, L.S., kandidat meditsinskikh nauk

Studying functions of the thyroid with the aid of radioactive iodine
in patients with Botkin's disease. Vrach.delo no.11:1211-1213 N '56.
(MIRA 10:3)

1. Kafedra fakul'tetskoy terapii (zaveduyushchiy - professor N.B.
Shchupak) Chernovitskogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS) (RADIOACTIVE TRACERS)
(THYROID GLAND)

KLOCHKOVA, L.S., kand.med.nauk

Differential diagnosis of chronic nephritis and hypertension.
Vrach.delo no.4:389-391 Ap '58 (MIRA 11:6)

1. Kafedra fakul'tetskoy terapii (sav. - prof. N.B. Shchupak)
Chernovitskogo meditsinskogo instituta.
(KIDNEYS--DISEASES)
(HYPERTENSION)

KLOCHKOVA, L.S., kand.med.nauk

Differential diagnosis of chronic nephritis and hypertension.
(MIRA 11:7)
Vrach.delo no.5:533-535 My '58

1. Chernovitskiy meditsinskiy institut.
(HYPERTENSION)
(KIDNEYS--DISEASES)

USSR/Soil Science. Mineral Fertilizers

J

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58302, By Z.I. Zhurbitskiy

Author : Nikitenko G. P., Klochkova M. A., Kostrov K. A.
Inst : Not given
Title : On the Effectiveness of Mixtures of Organic and Mineral Fertilizers in Chernozem Soils

Orig Pub : Agrobiologiya, 1957, No 3, 16-22

Abstract : The effectiveness of organo-mineral mixtures was tested on agrillaceous chernozem in the Mordovsk Experimental Agricultural Station in 1954-1956. A yield of 26.7 centners of winter wheat per hectare was obtained in 1955, a very favorable year; the addition of 20 tons of manure produced an additional yield of 6.2 centners per hectare; of 3 tons of humus--an additional 6.7 centners

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MOZGOVOY, V.I. (Dnepropetrovsk); KUCHENIN L.V. (Dnepropetrovsk); MOTUSHKIN,
I.I. (Dnepropetrovsk); prinnimali uchastiye: SEVAST'YANOVA, A.K.;
KADCHKOVA, M.M.

Effect of polyacrylamide on the filtration process of coal suspensions.
Izv. AN SSSR. Otd. tekhn. nauk. Met. i topl. no.3:125-129 My-Je '62.
(HIRA 15:6)

(Coal preparation)

L 11108-65 Pb-1/Pa-1 ESD(t)/AFWL/ESD(gg) 8/0217/64/009/004/0469/0476
 ACCESSION NR: APL042477

AUTHOR: Kloobkova, M. P.; Moshkov, B. S.

TITLE: Leaf fluorescence of higher plants at room temperature B

SOURCE: Biofizika, v. 9, no. 4, 1964, 469-476

TOPIC TAGS: fluorescence spectrum, plant leaf, room temperature, long wave maximum intensity, short wave maximum intensity, reabsorption, chlorophyll dimer fluorescence

ABSTRACT: Literature sources indicate that in fluorescence spectra of higher plant leaves at room temperature, long wave maximum intensities are considerably higher than short wave maximum intensities. The present study investigated the fluorescence spectra of different leaves at room temperature to determine whether higher long wave maximum intensities may be attributed to reabsorption or to superimposed fluorescence of a dimer form of chlorophyll pigment. Fluorescence spectra of various leaves were measured at room temperature with a UM-2 monochromator. A DRS-250 mercury lamp was used as a light source and a FEU-22 photomultiplier served as a receiver. Fluorescence was measured no earlier than 5 min after light exposure to

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L 11468-65

ACCESSION NR: AP4042477

ensure relatively stable intensity values. Reabsorption and pigment effects on fluorescence spectra of leaves were investigated in further experiments. Findings confirm literature data that long wave maximum intensities (13,500 cm⁻¹) are considerably higher than short wave maximum intensities (14,600 cm⁻¹) for leaves at room temperature. The lower short wave maximum intensity appears to be related to possible superimposition of chlorophyll dimer fluorescence with long wave maximum at 13,500 cm⁻¹ and not to reabsorption. The ratio between short wave maximum intensity and long wave maximum intensity for a plant at room temperature can apparently be used as an index to plant chlorophyll form relations. The chlorophyll dimer level is not proportional to the total chlorophyll level of a leaf and may depend on plant growing conditions. Orig. art. has: 6 figures.

ASSOCIATION: Agrofizicheskiy nauchno-issledovatel'skiy institut Ministerstva sel'skogo khozyaystva SSSR, Leningrad (Agrophysical Scientific-Research Institute of the Ministry of Agriculture SSSR)

SUBMITTED: 09Feb63

ENCL: 00

SUB CODE: LS

Card 2/2

NR REP SOV: 008

OTHER: 003

LYAKHOV, P.A.; GEMERALOV, G.S.; KLOCHKOVA, N.D.; KUNIN, L.Ye.; KUSHNEROV, V.A.;
ROVENSKIY, I.I.

Addition of pyrite cinder to the agglomeration charge.

Obez. rud. 3 no.3;24-25 '58.

(Sintering) (Pyrites)

(MIRA 12:1)

LYAKHOV, P.A.; KUNIN, L.Ye.; Prinimali uchastiye: KUSHNIROV, V.A.; KLOCHKOVA,
N.D.; SEREBRYANNIK, G.I.

Hydraulic dust removal from cyclone banks in the sintering plants
of the Southern Ore-Dressing Combine. Obog. rud 5 no.6:49-53 '60.
(MIRA 14:8)

1. Aglomeratsionnyy tsekh Yuzhnogo gornoobogatitel'nogo kombinata
(for Kushnirov, KlochkoVA, Serebryannik).
(Separators (Machines)) (Dust collectors)

TSVETKOV, V. N., kand.tekhn.nauk, dotsent; KLOCHKOVA, N. S., inzh.

New shoe construction method without lasting. Izv.vys.ucheb.
zav.; tekhn.prom. no.4:67-85 '61. (MIRA 14:10)

1. Moskovskiy tekhnologicheskii institut legkoy promyshlennosti.
(Shoe manufacture)

SAPRONOV, A.R.; CHIKIN, G.A.; MELESHKO, V.P.; KLOCHKOVA, T.A.

Sorption of dyeing substances by ion exchangers. Sakh.prom. 36 no.11:
15-17 N '62. (MIRA 1782)

1. Voronezhskiy tekhnologicheskii institut (for Sapronov). 2. Labora-
toriya khimicheskikh protsessov Voronezhskogo soveta narodnogo kho-
zyaystva (for Chikin, Meleshko, KlochkoVA).

KLOCHKOVA, Ye.A., inzh.; LIFSHITS, G.I., inzh. [deceased]

Mechanization of loading operations of eggs packed in wooden boxes. Khol.
tekh. 40 no.3:36-39 My-Je '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (for Klochkova). 2. Moskovskiy kholodil'nik No.12 (for Lifshits).

(Cold storage warehouses—Equipment and supplies)
(Eggs—Transportation)

PROLOV, Anatoliy Ivanovich; KLOCHKOVA, Yevdokiya Vasil'yevna;
IL'IN, V.A., nauchmyy red.; NIKITINA, R.D., red.; TSEK,
R.K., tekhn.red.

[Photochemical method of preparing printed circuits]
Fotokhimicheskii sposob izgotovleniia pechatnykh skhem.
Leningrad, Gos.sciytsnoe izd-vo sudostroitel'.promyshl., 1959.
76 p. (MIRA 12:6)
(Printed circuits)

KLOCHKOVA, Z. V.

*Note: Behavior of Oxygen and Nitrogen in the Bath of the
Electrolyte during Oxidation with Oxygen and with
O₂. Possible Electrode Reactions of Oxygen and Nitrogen
during Electrolysis in molten (Raman) A. G. Gerasimov,
O. K. Kaminsky, and Z. V. Klochkova, *Sov. J. Tech. Phys.*
1964, p. 183-187.*

*Behavior does not depend on whether the metal is oxidized with
O or with air. In the case of O, however, the upper limits of
concentration of O and N in the metal are reached in a shorter
time and with less consumption of electric power. Tables
graphs 3 ref.*

Metel 3

Cent. Sci. Res. Inst. Ferrous Metallurgy

KLOCHKOVA, Z. V.

ONUCHEV, S.M.; PRANTSOV, V.P.; NORENKO, O.F.; KOMISSAROV, O.K.; KLOCHKOVA, Z.V.

Electric furnace smelting of structural steel with an oxygen lance.
Stal' 17 no.3:228-232 Mr '57. (MLRA 10:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii
i zavod "Dnepropetstal".
(Steel--Electrometallurgy) (Oxygen--Industrial applications)

18.3200

18185
SOV/133-60-3-10/24

AUTHOR: Klochkova, Z. V.

TITLE: Utilization of Liquid Cast Iron in Steelmelting Arc Furnace

PERIODICAL: Stal', 1960, Nr 3, pp 228-229 (USSR)

ABSTRACT: The melting process of the Swiss firm Roll, in Herlafingen, is reviewed. There are 3 figures; 3 tables; and 1 U.K. reference. The U.K. reference is: R. Durrera, G. Heintze, Iron and Steel, 1959, Vol 32, Nr 6, pp 289-294.

Card 1/1

Klochkova, Z. V.

S/130/60/000/006/007/011

AUTHORS: Onuchov, S. M., Zhukov, D. G., Keys, N. V., Klochkova, Z. V.,
Danilov, P. M., Kononov, K. N.

TITLE: On the Problem of Transformer Steel Melting

PERIODICAL: Metallurg, 1960, No. 6, pp. 18-22

TEXT: Information is given on peculiarities in the technology of transformer steel melting at the "Dnepropetsstal'" Plant, the Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine) and the Chelyabinskiy metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant). A special feature adapted by the Dnepropetsstal' plant is that a relatively high content of C and S is obtained in the molten charge (0.30-0.40 C and 0.030-0.035% S). The carbon is oxidized by the ore and then by gaseous oxygen. The reduction time depends on the sulfur obtained in the finished metal (not over 0.005%). After teeming the metal is subjected to vacuum treatment in the ladle. At the Kuznetsk plant the melting process is conducted in a highly organized manner. The necessary amount of ore and lime is added to the charge so that the oxidizing and the melting stage are combined. After repeated slag formation the pool is subjected to oxygen blast; during the blast the carbon content is reduced to

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On the Problem of Transformer Steel Melting

S/130/60/000/006/007/011

0.02-0.03%. Until 1960, oxidizing at the Chelyabinsk Metallurgical Plant was brought about with iron ore and subsequent elimination of carbon by blowing the pool with oxygen. Presently, the oxidation and the melting stage have been combined; simultaneously with the charge 2.5 t iron ore and 1.0 t lime are introduced. It was stated that the amount of rejects was relatively low at all the plants. The dependence of surface defects in slabs on the metal temperature in the ladle is given and shows that the minimum percentage of rejects is obtained at a temperature of 1570-1590°C. The content of impurities in metals produced by the enumerated plants is represented by graphs. The metal produced at the Chelyabinsk plant contained the highest amounts of carbon, sulfur, manganese and nickel. The metal from Dneprospetsstal' contained the lowest amounts of carbon, sulfur and chromium (to 0.005%). The metal from the Kuznetsk Combine contained more carbon and about 40% of the melts contained 0.006-0.008% S. Thousandths of a per cent of Ti were revealed in all the metals. Data on the output of high-grade rolled sheets made of metal which was produced by the aforementioned plants do not indicate the advantages of one or the other technology, since an effect of the used technology on the output was not established. There are 2 sets of graphs and 3 tables. ✓

ASSOCIATIONS: TsNIChM, Chelyabinskii metallurgicheskii zavod (Chelyabinsk Metallurgical Plant) Kuznetskiy metallurgicheskii kombinat (Kuznetsk Metallurgical Combine)

Card 2/2

S/137/61/000/007/003/072
A060/A101

AUTHORS: Gnuchev, S. M.; Klochkova, Z. V.

TITLE: Behavior of hydrogen under metal blowing with undried oxygen

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1961, 44, abstract 7V296
("Sb. tr. Tsentr. n.-i. in-ta chernoy metallurgii", 1960, no. 21, 160-170)

TEXT: At the "Elektrostal'" and "Dneprospetsstal'" Plants experiments have been carried out on smelting in arc furnaces steels of grades 1X18H9T (1KH18H9T), 12XH3A (12KH18H3A), 12X2H4A (12KH2NCH4), 12XMΦ (12KHMF), 25XΓΦA (25KHΦA), 30XΓCA (30KHΦSA) while blowing technically pure O₂ through the vat. Dried O₂ with moisture content of 0.1 g/m³ was used in the "Elektrostal'" Plant and moisture-saturated O₂ - in the "Dneprospetsstal'" Plant. The experiments carried out have shown that the H-contents in the metals at the end of the oxidation period are practically the same after blowing with dried and undried O₂; it is determined by the oxidation rate of the C. ✓

B. Barskiy

[Abstracter's note: Complete translation]

Card 1/1

KLOCHKOVA, Z.

New use of oxygen in arc furnaces. Metallurg 7 no.9:39 3
'62. (MIRA 15:9)
(Oxygen--Industrial applications) (Electric furnaces)

ACC NR: AP7003871 (N) SOURCE CODE: UR/0133/67/000/001/0044/0044

AUTHOR: Gnuchev, S.M.; Salautin, V.A.; Klochkova, Z.V.; Mazurov, Ye.Y.

ORG: none

TITLE: Effect of some processes during steel melting in a 100-ton arc furnace

SOURCE: Stal', no. 1, 1967, 44

TOPIC TAGS: ~~steel~~ steel production, silicon steel, ~~technology~~ metal melting, arc furnace, steel manufacture process

ABSTRACT: A technological process of making silicon steel in an arc furnace has been developed by the Central Scientific Research Institute of Ferrous Metallurgy im. Bardin in cooperation with the Novolipetsk Metallurgical Plant. The process combines melt-down and oxidizing periods and eliminates ore addition after melting of charge. A water-cooled oxygen lance is used for metal blowing and electromagnetic stirring of melted metal. Nonmetallic impurities are removed by slag treatment while the metal is tapped into the ladle. Oxygen is blown into the bath for 10—15 min when the carbon content reaches 0.08—0.12%. The process decreases the refining period to 1 hr and reduces the oxygen content closer to the equilibrium state and the sulfur content to 0.003%. [AZ]

SUB CODE: //13/ SUBM DATE: none/ ATD PRESS: 5114
Card 1/1 UDC: 669.187.2.001.5

KLOCHKOVSKIY, L.

Foreign trade of the countries of southeastern Asia. Vnesh.torg. 27
no.4:2-8 '57. (MLRA 10:5)
(Asia, Southeastern--Commerce)

KLOCHKOVSKIY, L.

Regulation of Pakistan's foreign trade. Vnesh. torg. 28 no.8:43-47
'58. (MIRA 11:9)

(Pakistan--Commercial policy)

KLOCHKOVSKIY, L.

Economic aggression of the United States in Southeastern Asia.
Vnesh.torg. 43 no 13:10-16 '63. (MIRA 16:4)
(Asia, Southeastern—Foreign economic relations—United States)
(United States—Foreign economic relations—Asia, Southeastern)

SVERDLOV, L.M.; KLOCHKOVSKIY, Yu.V.; KUKINA, V.S.

Vibration spectra and potential energy constants of halogen derivatives of ethylene [with summary in English]. Inzh.-fiz. zhur. no.12:43-53 ' 58. (MIRA 11:12)

1. Avtodorozhnyy institut, g. Saratov i Vsesoyuznyy avtodorozhnyy nauchnyy institut, g. Saratov.
(Ethylene--Spectra)

SVERDLOV, L.M.; KLOCHKOVSKIY, Yu.V.

Determining the electro-optical parameters of CH_3F molecules on the basis of experimental data on the absolute intensity of infrared spectra. Opt. i spektr. 17 no.3:466-468 S 1964.

(MIRA 17:10)

KLOCHKOVSKIY, Yu.V.; KUKINA, V.S.; OVERTONOV, L.M.

Vibrational spectra and constants of the potential energy of tetrafluoroethylene, tetrachloroethylene, tetrabromoethylene, trifluoroethylene, 1,1-difluorochloroethylene, 1-fluoro-1-chloroethylene, cis- and trans-dibromoethylene and their deuterium-substituted derivatives. Zhur. fiz. khim. 39 no.8:1912-1921 Ag '65. (MIRA 18:9)

1. Saratovskiy politekhnicheskiy institut.

L 49780-65 EPF(o)/EPR/EWP(j)/ENA(o)/EWT(1)/EWT(m) Pc-4/Pr-4/Pa-4
IJP(o)/RPL WW/EM

ACCESSION NR: AR5012234

UR/0058/65/000/001/0015/0015

SOURCE: Ref. zh. Fizika, Abs. 3D100

AUTHORS: Bolotina, E. M.; Kapshchal', V. M.; Kruglov, Ye. P.; Klovkovskiy, Yu. V.;
Kikina, V. S.; Sverdlov, L. M.

TITLE: Calculation and interpretation of vibrational spectra of molecules of various classes

CITED SOURCE: Tr. Koms. po spektroskopii. AN USSR, vyp. 1, 1964, 120-124

TOPIC TAGS: vibrational spectrum, organic molecule, isotopic substitute, force field, double bond

TRANSLATION: A calculation was made of the normal vibrations, and a complete interpretation is presented for the vibrational spectra of 25 molecules: cyclobutane, spiropentane, thiophane, cis-trans-dimethylborane, trimethylborane, C₂F₄, C₂Cl₄, C₂Br₄, Fe₂C-CHF, ClFC-CH₂, F₂C-CHCl, cis-trans-C₂H₂F₂, cis-trans-C₂H₂Br₂, and certain isotopic substitutes. The features of the force field of these mole-

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L 49780-65

ACCESSION NR: AR5012234

cules are clarified. In particular, the strength of the C-C double bond increases upon successive substitution of the H atoms in ethylene by F atoms.

SUB CODE: NP, OP

ENCL: 00

309
Card 2/2

AUTHORS: Sverdlov, L. M., Borisov, H. G., SOV/48-22-9-3/40
~~Klochkovskiy, Yu. V.~~, Kraynov, Ye. P., Kukina, V. S.,
Tarasova, N. V.

TITLE: Theory of the Vibration Spectra of Unsaturated Compounds
(Teoriya kolebatel'nykh spektrov nepredel'nykh soedineniy)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1958,
Vol 22, Nr 9, pp 1023 - 1025 (USSR)

ABSTRACT: On the basis of abundant experimental information on
unsaturated compounds the authors tried to generalize
the conclusions drawn from it in two directions.
The determination of the characteristic frequencies
of some structural groups with a double bond and the
observation of the mutual influence of the structural
elements. To solve these problems, normal oscillations
and the constants of the potential energy were computed
by means of the theory of the small vibrations of
polyatomic molecules (Refs 1-2). Partial results of
these computations have been published already before
(Ref 3). The basic results of the present paper can be condensed

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Theory of the Vibration Spectra of Unsaturated Compounds SOV/48-22-9-3/40

as follows: The substitution of the hydrogen atoms by alkyl radicals in ethylene leaves the field of the remaining ethylene groups as well as the field of the alkyl radicals almost unchanged. The geometrical distribution of the alkyl radicals with respect to the double bond plays an essential role with regard to the spectrum. The calculations show that in the case of two double bonds that are separated by at least two single bonds the former ones exert almost no influence on each other. On the basis of the computation of the oscillation frequency of cyclopentene the spectrum of the molecule combination dispersion was for the first time interpreted with success. The frequencies and the force constants of some bromine-, chlorine-, and fluorine-substituents of ethylene were computed theoretically. Because of comprehensive data on the spectra of the deuterio-substituted molecules it was possible to carry out an exact computation of the force constants. The good agreement between the computed and the observed frequencies proves the correctness of the whole system of constants. Compared with the halogen

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Theory of the Vibration Spectra of Unsaturated Compounds S07/48-22-9-3/40

substituents of saturated hydrocarbons the stability of the C-Br-, C-Cl-, and C-F-bonds in unsaturated compounds is somewhat higher. For the first time

$\frac{\partial P_i}{\partial Q_j}$ was computed in the first approximation of the optical valence scheme. On this occasion μ_{CH} and μ'_{CH}

had, as expected, the same values for the oscillations of all types of symmetry. Thus the calculation has shown that the optical valence scheme only in first approximation is applicable to the computation of the intensities in infrared spectra. There are 4 references, 3 of which are Soviet.

ASSOCIATION: Saratovskiy avtodorozhnyy institut (Saratov Highway Institute); Vsesoyuznyy avtodorozhnyy zaochnyy institut (All-Union Highway Institute for Correspondence Courses)

Card 3/4

S/051/60/009/006/005/018

R201/R191

AUTHORS: Sverdlov, D.M., Klochkovskiy, Yu.V., Kukina, V.S.,
and Mezhuyeva, T.D.

TITLE: Vibrational Spectra and Potential Energy Constants of
Halogenated Ethylenes.1 Monochloroethylene,
Monofluoroethylene, 1,1-dichloroethylene,
1,1-dibromoethylene and their Deuterated Derivatives

PERIODICAL: Optika i spektroskopiya, 1960, Vol.9, No.6, pp 728-733

TEXT: Sverdlov, Klochkovskiy and Kukina (Ref.1) showed that the vibrational spectra of halogenated ethylenes can be calculated using the force constants of ethylene (Ref.2) and halogenated methanes (Ref.3). The present paper extends this work to calculation of normal vibrations and potential energy constants of monochloroethylene and $\text{CH}_2=\text{CDCl}$, 1,1-dichloroethylene, 1,1-dibromoethylene and $\text{CBr}_2=\text{CHD}$, $\text{CBr}_2=\text{CD}_2$, monofluoroethylene and its seven deuterated derivatives whose formulae are given in the middle of page 728. For the purpose of this calculation the authors used the force constants of ethylene and halogenated methanes, as well as the force constants of halogenated ethylenes reported in the earlier paper (Ref.1). The calculations were
Card 1/2

KLOCHNEV, N.I., kandidat tekhnicheskikh nauk.

Casting characteristics of spheroidal graphite cast iron. [Trudy]
TSEITMASH no.55:16-36 '53. (MLRA 7:7)
(Cast iron) (Iron founding)

KLOCHNEV, N.I.

Review of A. F. Silaev's book "Handbook on cast alloys." Lit.
proisv. no. 4:30-31 Ap '55. (MIRA 8:6)
(Alloys) (Silaev, A.F.)

KLOCHNEV, N.I.; RASTORGUYEV, I.S., dotsent; retsenzent; CHERNYSHOVA, N.P.
redaktor izdatel'stva; UVAROVA, A.F., tekhnicheskiy redaktor

[Shrinkage of nodular cast iron] Usadka chuguna s sferovidnym gra-
fitom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
1957. 83 p. (MIRA 10:4)

(Cast iron -- Metallography)

KUDRYAVTSEV, I.V., doktor tekhnicheskikh nauk, professor; SAVVINA, N.M.;
BARANOVA, N.B., kandidat tekhnicheskikh nauk; BALABANOV, N.A.;
BOGACHEV, I.M., doktor tekhnicheskikh nauk, professor, rezensent;
KLOCHNEV, N.I., kandidat tekhnicheskikh nauk, redaktor; SIROTIN,
A.I., inzhener, redaktor izdatel'stva; MATVEYEVA, Ye.N.,
tekhnichesk'y redaktor

[Structural strength of nodular cast iron] Konstruktsionnaya
prochnost' chuguna s sharovidnym grafitom. Moskva, Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 158 p.
(Cast iron) (MLBA 10:6)

RECEIVED IV 1
ZHEVTUNOV, Prokhor Prokhorevich, kandidat tekhnicheskikh nauk; RYZHIKOV,
A.A., doktor tekhnicheskikh nauk, professor, retsenzent; RUBTSOV,
N.N., doktor tekhnicheskikh nauk, professor, redaktor; KLOCHUKOV,
N.I., kandidat tekhnicheskikh nauk, redaktor; CHERNYSHOVA, N.P.,
redaktor izdatel'stva; MATVINEVA, Ye.N., tekhnicheskii redaktor;
TIKHOMOV, A.Ya., tekhnicheskii redaktor

[Founding alloys] Liteinye splavy. Pod red. N.N.Rubtsova. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 431 p.
(Alloys) (MIRA 10:8)

KLACHNEY

Residual (casting) is vesicle in high strength
 N. L. Kharin and G. S. Stetsko. *Metallurg*
 1957, No. 1, 80-8. *Metallurg* 1957, No. 1, 80-8.
 S. 83, Si 1.87, Mn 0.67, P 0.24, and S 0.004. *Metallurg* 1957, No. 1, 80-8.
 Mg and ferrosilicon had the composition (S. 83, Si 1.87, Mn 0.67, P 0.24, and S 0.004). *Metallurg* 1957, No. 1, 80-8.
 P 0.19, S 0.003, and Mn 0.15%. *Metallurg* 1957, No. 1, 80-8.
 60 mm. outside diam. and 50 mm. inside diam. were
 cross grooves 1/2" from the center of these castings were
 chined the test breakings 90 mm. long, 75 mm. outside diam.
 and 50 mm. inside diam. Were strain gages attached to the

Cast Iron and Steel Technology - Machines

18(7); 25(1)

PHASE I BOOK EXPLOITATION

SOV/1814

Vsesoyuznyy proyektno-tekhnologicheskii institut tyazhelogo mashinostroyeniya

Vysokoprochnyy chugun s sharovidnym grafitom v tyazhelom mashinostroyenii
(High-strength Modular Cast Iron in Heavy Machine Construction) Moscow,
Mashgiz, 1958. 61 p. 7,000 copies printed.

Sponsoring Agencies: USSR. Glavnoye upravleniye nauchno-issledovatel'skikh i
proyektnykh organizatsiy. Gosudarstvennaya planovaya komissiya.

Compiler: N. I. Klochnev; Tech. Ed.: B. I. Medel'; Managing Ed. for Literature
on Heavy Machine Building (Mashgiz): S. Ya. Golovin.

PURPOSE: The book is intended for workers, foremen, and engineers introducing
the use of nodular cast iron into the casting industry.

COVERAGE: This book is an illustrated review of current methods of producing and
using nodular cast iron in the Soviet Union and abroad. Materials are taken
mainly from plants of Soviet heavy industry and from foreign published sources.

Card 1/3

APPROVED FOR RELEASE: 06/19/2000

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High-strength Modular Cast Iron (Cont.)

SOV/1814

The book lists items for which modular cast iron is now used and shows the engineering and economical advantages of this metal as compared to the use of steel for the same purpose. No personalities are mentioned. There are no references.

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High-strength Modular Cast Iron (Cont.)

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Using high quality nodular cast iron for turbine parts as a substitute for steel

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Using high quality nodular cast iron as a substitute for steel forgings

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Using high quality nodular cast iron for various types of equipment

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Use of High Quality Modular Cast Iron Abroad

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AVAILABLE: Library of Congress

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Card 3/3

KLOCHNEV, N.I.; SUKHANOV, A.M.

Use of exothermic mixtures in making iron castings with spheroidal
graphite. Lit. proizv. no.1:11-12 Ja '59. (MIRA 12:1)
(Iron founding)

NOVIKOV, Petr Gerasimovich; LISITSYNA, Ml'vina Fedorovna; FROLOVA,
Marina Vladimirovna; KLOCHNEV, M.I., kand.tekhn.nauk, red.;
STEPANCHENKO, M.S., red.isd-va; KRIVOLAPOV, M.A., tekhn.red.

[Foreign practices in making large steel castings] Prois-
vodstvo krupnogo stal'nogo lit'ia za rubeshom. Moskva, Gos.
nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960. 82 p.
(MIRA 13:7)

(Steel castings)

(Founding)

GOROZHANKIN, A.N., kand.tekhn.nauk; NOVITSKIY, V.K., kand.tekhn.nauk;
 KRYANIN, I.R., doktor tekhn.nauk; IODKOVSKIY, S.A., kand.tekhn.
 nauk; LADYZHENSKIY, B.N., kand.tekhn.nauk; MIL'MAN, B.S., kand.tekhn.
 nauk; KLOCHNEV, N.I., kand.tekhn.nauk; TSYPIN, I.O., kand.tekhn.
 nauk; LEVIN, M.M., kand.tekhn.nauk; BALDOV, A.L., inzh.; LYASS,
 A.M., kand.tekhn.nauk; CHERNYAK, B.Z., kand.tekhn.nauk; ASTAF'YEV,
 A.A., kand.tekhn.nauk; YERMAKOV, K.A., inzh.; GRIBOYEDOV, Yu.N.,
 kand.tekhn.nauk; MYASOYEDOV, A.N., inzh.; BOGATIREV, Yu.M., kand.
 tekhn.nauk; UNKHOV, Ye.p., doktor.tekhn.nauk, prof.; SHOFMAN, L.A.,
 kand.tekhn.nauk; PERLIN, P.I., inzh.; MOSHNIN, Ye.M., kand.tekhn.
 nauk; PROZOROV, L.V., doktor tekhn.nauk; CHERNOVA, Z.I., tekhn.
 red.

[Some technological problems in the manufacture of heavy machinery]
 Nekotorye voprosy tekhnologii tiashelogo mashinostroyeniya. Moskva,
 Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Part II [Steel smelt-
 ing and casting; founding; heat treatment; shaping metals by pres-
 sure] Vyplavka i rasliycheniya; lit'-ye; obrabotka metallov davleniem. 1960. 266 z. (Moscow,
 Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashi-
 nostroyeniya. [Trudy] no. 98). (MIRA 13:7)
 (Steel) (Founding) (Forging)

Investigation of Soviet Espionage Practices, 34	100/1043
Intelligence gathering & analysis study memorandum (Espionage Processes in Russia), 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 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3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 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Properties of spheroidal graphite iron in large castings.

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KLOCHNEV, Nikolay Ivanovich, kand. tekhn. nauk; Prinimal uchastiye
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tekhn. nauk, prof., retsenzent; CHERNYAK, O.V., inzh., red.
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[Technology of casting high-strength iron with spheroidal
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Characteristics of the crystallization of magnesium cast
iron in large castings. Lit. proizv. no.1:16-19 Ja '63.
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(Iron founding)

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red.; UVAROVA, A.F., tekhn. red.

[High-strength cast iron with spheroidal graphite; its
properties and uses] Vysokoprochnyi chugun s sharovidnym
grafitom; svoistva i primeneniye. Moskva, Mashgiz, 1963.
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(Cast iron--Metallography)

ALEKSANDROV, N.N.; KLOCHNEV, N.I.; LAVRENT'YEV, S.Ye., inzh.,
retsenzent

[Technology of preparing and the properties of heat-resistant
cast iron] Tekhnologiya polucheniia i svoistva zharostoikikh
chugunov. Moskva, Izd-vo "Mashinostroenie," 1964. 169 p.
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MILMAN, B. S.; KLOCHNEV, N. I.

"Investigations of some properties of spheroidal graphite cast iron in heavy castings."

paper submitted for 32nd Intl Foundry Congress, Warsaw, 13-17 Sep 65.

L 36296-65 EWT(m)/EPF(c)/EWP(j)/EWA(d)/T Pc-4/Pr-4 RM
ACCESSION NR: AP4047389 S/0065/64/000/010/0037/0040

AUTHOR: Gordash, Yu. T.; Sklyar, V. T.; Serov, V. A.; Klochok, I. B.

TITLE: Petroleum desalination by use of complex pentaerythritol esters and carboxylic acids as surface-active compounds

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 10, 1964, 37-40

TOPIC TAGS: petroleum desalination, surface active compound, pentaerythritol, complex ester, esterification, carboxylic acid, hydroxyl group

ABSTRACT: The use of non-ionic surface-active compounds for petroleum desalination is commonly known and the authors discuss the effect of pentaerythritol on the desalination ability of complex esters of multi-atom alcohols and carboxylic acids having the length of a straight carbon chain. Esterification of pentaerythritol by a double excess of carboxylic acid yielded complex acetic, propionic, butyric and other esters. Within the 3500 to 3700 cm^{-1} range, the esters displayed a very weak absorption band which is characteristic of free hydroxyl

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1. 1276-65

ACCESSION NR: AP4047389

groups. These esters were tested as desalination agents of Ukrainian petroleum. The optimal concentration of the complex esters was found to lie within the 0.005 to 0.01% (by weight) range. Extending the carbon chain in acid to C₄ enhanced desalination but a further increase had an appreciably adverse effect. The study of the degree of substitution of free OH-groups in pentaerythritic acid showed that an increase in the number of free OH groups in complex ester impedes the desalination of petroleum. Mixtures of pentaerythritol tri- and tetraesters with butyric acid gave the best results. The findings of the authors reflect the need for the development of more effective deemulsifiers to desalinate petroleum in any Soviet deposit. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: UkrNIIGiproneft'

SUBMITTED: 00

ENCL: 00

SUB CODE: GC

NR REF SOV: 004

OTHER: 004

Cord 2/2 jo

KLOJIC, Franc, dipl. inž.

Analysis of algebraic functions of a complex variable with
the aid of potential analogies. *Automatika* 5 no.5:392-398
'64.

1. Jozef Stefan Nuclear Institute, Ljubljana.

AGACHE, N., ing.; KLOCKL, I., ing.

High valorization of metal. Probleme econ 16 no.11:157 N'63.

1. Directorul tehnic, Combinatul siderurgic Hunedoara (for Agache). 2. Seful serviciului tehnic, Combinatul siderurgic Hunedoara (for Klockl).

L 34954-66 BWP(t)/BTI IJP(c) JD

ACC NR: AP6026644

SOURCE CODE: RU/0017/66/000/001/0001/0005

AUTHOR: Klockl, O. (Engineer)

ORG: Siderurgical Combine, Hunedoara (Combinatul siderurgic)

TITLE: Thermic characteristics of 400-ton open hearth furnaces heated with cold gas and their influence on furnace productivity

SOURCE: Metalurgia, no. 1, 1966, 1-5

TOPIC TAGS: metallurgic furnace, metal heat treatment

ABSTRACT: The author describes several measures to improve the technical-economic performance of 400-ton open-hearth furnaces. Among the measures resulting in better combustion are the ensuring of adequate amounts of flames during the different charge periods and the provision of increased amounts of superheated steam to obtain the best possible mixture of the fuels. Orig. art. has: 7 figures and 4 tables. [Based on author's Eng. abst.] [JPRS: 36,646]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Cord 1/1

UDC: 669.183.21

L 31728-66 T/ENP(t)/NTI IJP(c) JD

ACC NR: AP6021199

SOURCE CODE: RU/0017/65/000/008/0425/0428

AUTHOR: Klochl, O. (Engineer)

ORG: Siderurgical Combine, Hunedoara (Combinatul Siderurgic)

TITLE: Increasing the service life of mill rolls by high-frequency hardening

SOURCE: Metalurgia, no. 8, 1965, 425-428

TOPIC TAGS: metal hardening, metal rolling

ABSTRACT: The author tested the influence of various methods of treatment on the service life of shaped steel mill rolls, and found high-frequency hardening with radial induction to be most effective. Such treatment was able to increase durability by up to 300 percent over the untreated forms. Orig. art. has: 7 figures and 3 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

SOV REF: 001

Card 1/1/60

UDC: 621.771.2-2:621.785.6:621.3

*Klockl, O

KLOCKL, O.; BUCIUMAN, R.

KLOCKL, O.; BUCIUMAN, R. In connection with rational rating of steel quality. p. 30.

Vol. 8, no. 10, Oct. 1956
METALURGIA SI CONSTRUCTIA DE MASINI.
TECHNOLOGY
ROMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

KLOCKL, Oscar, ing; PLESA, Cornel

Automatic charging of mill rolls with high alloyed wire
by means of flux shielded arc welding. Metalurgia Rum 15
no.5:367-371 My '63.

KLOCKL, Oscar, ing.; PEDIMONTE, Kunigunde, chim.

Rapid determination of the basicity of open hearth furnace
slags by the thermodifferential method. Metalurgia Rum 15
no.5:371-372 My '63.

POLAND

KLOCZKO, Eugeniusz

Dept. of Electronic Device Engineering, Warsaw Polytechnic
(Katedra Technologii Sprzetu Elektronicznego Politechniki Warszawskiej)

Wroclaw, Wiadomosci chemiczne, No 8, Aug 1965, pp 589-591

"Chromatography of cation reduction." (Doctoral thesis)

KLOCCOWSKI, E.

POLAND/Cultivated Plants - Technical, Oleaginous, Sacchariferous.

11-7

Abstr Jour : Ros. Zhar - Biol., No 9, 1958, 55-50

Author : Klobnowski, E.

List : -

Title : The Agrotechny of the Sugar Beet.

Orig Pub : Gaz. cukrown., 1957, 59, No 2, 53-54.

Abstract : The yielding capacity of beets in Poland is lower than in many other lands. Local conditions do not permit the methods of beet growing applied in USSR, to be applied everywhere in Poland. This relates to the method of placing fertilizer and to pocket planting. The best results under Polish conditions were obtained by an increase in the density of sowing. -- L.A. Furshina

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KLOCZOWSKI, E.

Remarks on the mechanization of peasant farms. p. 809.

NOEW ROLNICTWO. (Panstwowe Wydawnictwo Rolnicze i Leśne) Warszawa. Poland.
Vol. 8, no. 21, Nov. 1959.

Monthly List of East European Accession (EEAI) IC, Vol. 9, no. 1, Jan. 1960.

Uncl.

KLOCZOWSKI, J.

"Adapting the breeding of horses in Poland to economic needs" (p. 60) **OWIE**
ROLNICTWO (Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Vol 2, No 11, Nov 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

KLOCZOWSKI, JULIUSZ

Użytkowanie koni w spółdzielni produkcyjnej. (Wyd. 1.) Warszawa, Państwowe
Wydawn. Rolnicze i Leśne, 1956. 130 p. (Utilization of horses in production
cooperatives. 1st ed.)
DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KLOCZEWSKI, J.

An example of the maximum utilization of the hydroelectric power of a river sector in the region of Hirschberg, p. 437. (Gospodarka Wodna, Vol. 16, No. 10, Oct 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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The Use of X-rays in the Foundry. H. Kline and J. M. M. (Metallurgical Society, 1961, 6, Sept., 429-432). (In tech).

The quality of steel castings is influenced by the accumulation of metal at junctions, particularly at those of the T-type. X-ray inspection of trial castings for mass production is therefore recommended. Several X-ray pictures showing faults at T-joints are shown and discussed.--P. P.

immediate source clipping

Kloda, Rudolf.

✓ 34111 Production of Cylinders With Coating Ribs in Shell
Molds. Výroba válců s obvodními žebry ve skořepinových
formách (Czech.) Rudolf Kloda. Strojárna, v. 5, no. 2,
Nov. 1955, p. 233-236.
MG Methods, equipment, and materials for producing molds and
coatings. Analysis of causes of defects in coatings. Photographs,
table, diagram.

KLODA, R.

KLODA, R. Shell pads to be used under risers. p. 340, Vol. 4, no. 11,
Nov. 1956 SLEVARENSTVI
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 no. 4 APRIL 1957

KLODA, R.

Phenol-resole with polyamide in casting tools by the roll-over method.

P. 211, (Stevarenství) Vol. 5, no. 7, July, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acquisitions (MEAI) Vol. 6, No. 11 November 1957

KLODA, R.

Cores of chemically hardened mixtures for shell molds.

SLEVARENSTVI. (Ministerstvo teskeho strojirenstvi a Ceskoslovenska vedecka
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1. Tatra, n.p., Koprivnice.

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12 no.7:216-217 J1 '62.

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KLODA, Rudolf and others

Using the Mitrofan method in making cores in hot core boxes.
Slevarenstvi 11 no.1:37 Ja '63.

1. Kovomodelarna, Tatra Koprivnice.

KLODA, Rudolf

Problem of cere gunning by the hot core box method. Slevarenstvi
11 no.5:194 My '63.

1. Tatra Kpriyvice, modelarna.

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Technology of complex mold die-casting in hot core boxes with special regard to surface quality of castings. Slevarenství 11 no.8/9:393-399 Ag '63.

1. Statní vývojové středisko, Tatra, n.p., Kopřivnice.

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Examples of the use of hot core boxes for making cores.
Slevarenství 11 no.8/9:406 Ag '63.

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Combination of the hot core box method with pressing.
Slevarenství 12 no. 3:115 Mr '64.

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Casting preparation for molds made by the hot box
process. Slevarenstvi 12 no.4:151 Ap '64.

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KLOU1, Rudolf

Experimental production of cores for steel crankshafts by
hot core box shooting. Slovarenstvi 12 no.10,396 0 '64.

1. Tatra National Enterprise, Koprivnice.

KLODA, Rudolf; GAJDOS, Jiri

Cast crank shafts from nodular cast iron for engines of racing and sport cars. Slovarenstvi 13 no.2:62 F '65.

1. Tatra National Enterprise, Koprivnice.